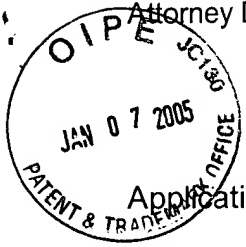


Application No. 09/915,960
Attorney Docket No. 4277-040604

3683
[Signature]



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/915,960 Confirmation No. 8316
Applicant : Matthew D. Mitsch et al.
Filed : July 26, 2001
Title : LOCOMOTIVE BRAKE VALVE EQUIPPED WITH A
RANGE SPRING DAMPENER
Group Art Unit : 3683
Examiner : Matthew C. Graham
Customer No. : 28289

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE
OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

Sir:

As assignee of record of the entire interest of the above-identified patent application, all powers of attorney previously given are hereby revoked and I hereby appoint the practitioners associated with **Customer Number 28289** to transact all business in the United States Patent and Trademark Office connected therewith.

Customer Number 28289 is the Customer Number for the law firm of Webb Ziesenheim Logsdon Orkin and Hanson, P.C. whose address is 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219-1818, Telephone No. 412-471-8815.

**All correspondence and telephone calls should be addressed to
Customer Number 28289.**

Application No. 09/915,960
Attorney Docket No. 4277-040604

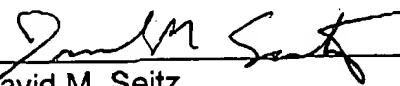
**All correspondence and telephone calls should be addressed to
Customer Number 28289.**

Ownership is established by an Assignment from the inventors of the above-identified patent application to Westinghouse Air Brake Technologies, which was recorded in the United States Patent and Trademark on July 27, 2001, at Reel 012039/Frame 0174.

Attached to this Power is a Certificate Under 37 C.F.R. 3.73(b).

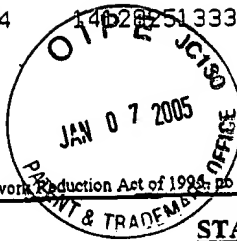
I, David M. Seitz, whose signature appears below, aver that as Assistant Secretary of Westinghouse Air Brake Technologies Corporation, I am empowered to sign this statement on behalf of the Assignee.

WESTINGHOUSE AIR BRAKE TECHNOLOGIES
CORPORATION

By: 
David M. Seitz
Assistant Secretary

Date: 1/5/05

Assignee of Entire Interest



PTO/SB/96 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Matthew D. Mitsch et al.Application No.: 09/915,960Filed: July 26, 2001Entitled: Locomotive Brake Valve Equipped with a Range Spring Dampener

Westinghouse Air Brake Technologies Corporation, a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012039, Frame 0174, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

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2. From: _____ To: _____

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☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.*[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]*

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

1/5/05

Date

David M. Seitz

Typed or printed name

Telephone number

Signature

Assistant Secretary

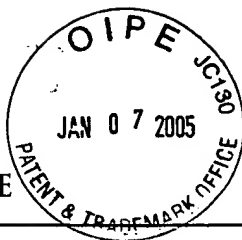
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



UNITED STATES
PATENT AND
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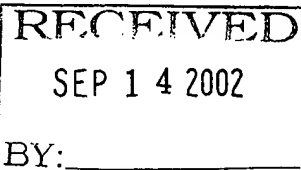


SEPTEMBER 10, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

JAMES RAY & ASSOCIATES
JAMES O. RAY, JR.
2640 PITCAIRN ROAD
MONROEVILLE, PA 15146



**CORRECTED
NOTICE**

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 07/27/2001

REEL/FRAME: 012039/0174
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MITSCH, MATTHEW D.

DOC DATE: 06/20/2001

ASSIGNOR:

VARNEY, JAMES M.

DOC DATE: 06/23/2001

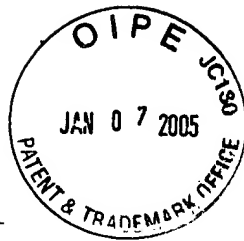
ASSIGNEE:

WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION
1001 AIR BRAKE AVENUE
WILMERDING, PENNSYLVANIA 15148-0001

SERIAL NUMBER: 09915960
PATENT NUMBER:

FILING DATE: 07/26/2001
ISSUE DATE:

MARGARET LASALLE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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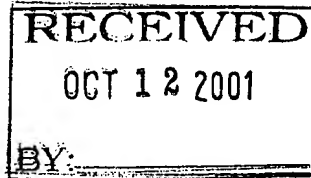
OCTOBER 09, 2001

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SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

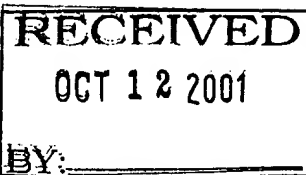
OCTOBER 09, 2001

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JAMES RAY & ASSOCIATES
JAMES O. RAY, JR.
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DOC DATE: 06/23/2001

ASSIGNEE:

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TECHNOLOGIES CORPORATION
1001 AIR BRAKE AVENUE
WILMERDING, PENNSYLVANIA 15148-0001

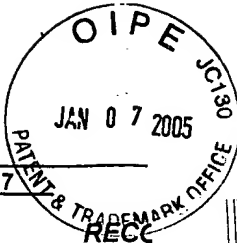
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08-08-2001

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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)



101804055

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Matthew D. Mitsch

James M. Varney

Additional name(s) & address(es) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION

Internal Address: _____

Street Address: 1001 AIR BRAKE AVENUECity: WILMERDING State: PA ZIP: 15148-0001Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: 6/20/01 & 6/23/01

4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is: 6/20/01 & 6/23/01A. Patent Application No.(s): 09/915960

B. Patent No.(s): _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed.

Name of Agent: James O. Ray, Jr.Name: JAMES RAY & ASSOCIATES

Internal Address: _____

Street Address: 2640 PITCAIRN ROADCity: MONROEVILLE State: PA ZIP: 151466. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

James O. Ray, Jr.

NAME OF PERSON SIGNING

SIGNATURE

July 26, 2001

DATE

Total number of pages including cover sheet, attachments, and document: 2Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231J1036 U.S. PTO
09/915960

08/07/2001 LNUELLER 0000008 09/915960

01 FC:581

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) Matthew D. Mitsch and James M. Varney (hereinafter ASSIGNORS) by

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

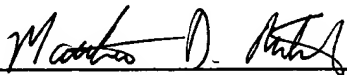
LOCOMOTIVE BRAKE VALVE

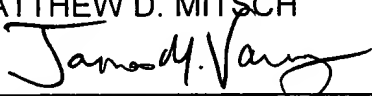
for which application for Letters Patent of the United States was executed on even date herewith, and all Letters Patent of the United States and corresponding Foreign patents to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

THE ASSIGNORS agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

THE ASSIGNORS agree(s) to execute all papers necessary in connection with any interference or litigation which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereof and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).



MATTHEW D. MITSCH


JAMES M. VARNEY

6/20/01
DATE
6/23/01
DATE